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(54) **Information recording medium and method for producing the same, and method for recording/reproducing information thereon**

(57) An information recording medium includes a first information layer 11 and a second information layer 20. The first information layer 11 includes a first recording layer 4 in which a reversible phase change is caused between a crystalline phase and an amorphous phase by irradiation of a laser beam or application of current. The second information layer 20 includes a second recording layer 14 in which a reversible phase change is caused between a crystalline phase and an amorphous phase by the irradiation of the laser beam or the application of the current. The first recording layer 4 is made of a first material, the second recording layer 14 is made of a second material, and the first material is different from the second material.

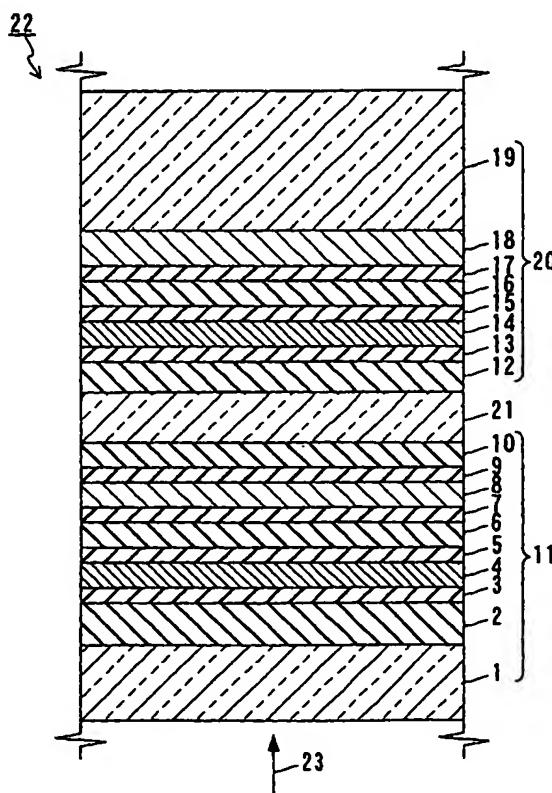


Fig. 1



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		11 October 2004	Stabel, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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